

Inventor Search

Vanik 10/616,729

29/03/2005

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L2 ANSWER 1 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:241777 HCAPLUS
DOCUMENT NUMBER: 138:275920
TITLE: Method of treating hair with heat and a cap which provides a signal regarding treatment
INVENTOR(S): Pyles, Daniel Raymond
PATENT ASSIGNEE(S): Unilever Home & Personal Care USA, USA
SOURCE: U.S. Pat. Appl. Publ., 8 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003059459	A1	20030327	US 2001-952061	20010914
WO 2003024267	A2	20030327	WO 2002-EP10125	20020910
WO 2003024267	A3	20030904		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1424918	A2	20040609	EP 2002-798712	20020910
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			US 2001-952061	A 20010914
			WO 2002-EP10125	W 20020910

AB A hair covering which comprises a woven or nonwoven substrate comprising synthetic or natural materials, which are impregnated, or coated, or both, with a mutable dye is described. A composition contained Ethoqual 0-12 PG 2.00, cetearyl alc. 8.25, DC2-1786 2.00, cyclopentasiloxane 2.00, and other ingredients including water. q.s.
IC ICM A61K007-06
ICS A61K007-13; B32B027-12
NCL 424443000; 008405000; 442123000
CC 62-3 (Essential Oils and Cosmetics)
ST hair treatment cap heat dye
IT Hair preparations
(dyes; treating hair with heat and a cap which provides a signal regarding treatment)
IT Hair preparations
(treating hair with heat and a cap which provides a signal regarding treatment)
IT 91-64-5D, Coumarin, derivs. 1485-92-3 1552-42-7, Crystal violet lactone 4222-20-2 5339-80-0, Malachite green lactone 21121-62-0, 3-Diethylamino-6-methyl-7-chlorofluoran 21934-68-9, 3-Diethylamino-6,8-dimethylfluoran 23069-39-8 26628-47-7, 3-Diethylamino-7,8-benzofluoran 27333-47-7 27333-50-2 28656-26-0 29512-46-7 29512-49-0, 3-Diethylamino-6-methyl-7-phenylaminofluoran 36431-21-7 36499-49-7 36886-76-7D, derivs. 52695-56-4 72493-39-1 75805-17-3 82137-81-3

85391-01-1 90585-79-8 97558-60-6 100463-23-8 102224-43-1
 107583-58-4 112232-42-5 114412-15-6 114412-22-5 114412-52-1
 114412-56-5 114747-44-3 114747-45-4 143053-20-7 503085-45-8
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (treating hair with heat and a cap which provides a signal
 regarding treatment)

L2 ANSWER 2 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:224351 HCAPLUS
 DOCUMENT NUMBER: 134:256594
 TITLE: Hair conditioning compositions comprising
 quaternary ammonium-containing silicones and
 ethoxylated monoalkyl quats
 INVENTOR(S): Pyles, Daniel Raymond
 PATENT ASSIGNEE(S): Unilever Home & Personal Care Usa, Division of
 Conopco, Inc., USA
 SOURCE: U.S., 7 pp., Cont.-in-part of U.S. 6,136,304.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6207141	B1	20010327	US 1999-357454	19990720
US 6136304	A	20001024	US 1998-138229	19980821
CA 2340646	AA	20000302	CA 1999-2340646	19990818
WO 2000010524	A1	20000302	WO 1999-EP6096	19990818
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9959699	A1	20000314	AU 1999-59699	19990818
BR 9913155	A	20010515	BR 1999-13155	19990818
EP 1105093	A1	20010613	EP 1999-967820	19990818
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002523349	T2	20020730	JP 2000-565846	19990818
TW 585784	B	20040501	TW 1999-88117009	19991002
US 2001003582	A1	20010614	US 2001-764736	20010117
US 6482399	B2	20021119		
ZA 2001001263	A	20020214	ZA 2001-1263	20010214
PRIORITY APPLN. INFO.:			US 1998-138229 A2 19980821	
			US 1999-357454 A 19990720	
			WO 1999-EP6096 W 19990818	

AB A method of imparting improved conditioning properties to hair
 comprising treating the hair with a conditioning composition
 comprising a silicone compound having at least one quaternary ammonium
 moiety and ethoxylated monoalkyl quat. A hair conditioner
 contained deionized water q.s., hydroxyethyl cellulose 1.3, PEG-2 2.5,
 oleamonium chloride & propylene glycol cetrimonium chloride 2,
 quaternium-80 2, disodium EDTA 0.1, Kathon CG1 0.05, DMDM hydantoin 0.1,
 benzophenone-4 0.05, fragrance 0.4, Polysorbate-20, 0.4, and 50% liquid

citric acid 0.065%.

IC ICM A61K007-075

NCL 424070280

CC 62-3 (Essential Oils and Cosmetics)

ST hair conditioner quaternary ammonium silicone quat

IT Hair preparations
 (conditioners; hair conditioning compns. comprising
 quaternary ammonium-containing silicones and ethoxylated monoalkyl quats)

IT Polysiloxanes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-
 hydroxypropoxy]propyl group-terminated, acetates (salts); hair
 conditioning compns. comprising quaternary ammonium-containing silicones
 and ethoxylated monoalkyl quats)

IT Polysiloxanes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (quaternary ammonium group-containing; hair conditioning compns.
 comprising quaternary ammonium-containing silicones and ethoxylated
 monoalkyl quats)

IT 112-02-7, Cetrimonium chloride 20182-63-2, Stearamidopropyl
 dimethylamine 28880-55-9 52012-71-2, Quat 81859-24-7, Polyquaternium
 10
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (hair conditioning compns. comprising quaternary
 ammonium-containing silicones and ethoxylated monoalkyl quats)

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:756495 HCAPLUS
 DOCUMENT NUMBER: 133:325445
 TITLE: Hair conditioning compositions containing
 surfactants and amino acids
 INVENTOR(S): Pyles, Daniel Raymond; Crudele, Joanne;
 Evans, Trefor; Shah, Varsha; Bergmann, Wolfgang Robert
 PATENT ASSIGNEE(S): Unilever Plc, UK; Unilever N. V.; Hindustan Lever Ltd.
 SOURCE: PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062747	A1	20001026	WO 2000-EP3197	20000407
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2001008630	A1	20010719	US 1999-294040	19990419

US 6432394

B2 20020813

US 1999-294040

A 19990419

PRIORITY APPLN. INFO.: AB Hair conditioning shampoo compns. contain 0.05-5% of 1 or more dibasic amino acids, 5-50% of 1 or more surfactants, 0.05-10% of 1 or more silicones, and water. The invention also relates to a method for conditioning hair which comprises contacting the hair with a composition according to the invention. Thus, a formulation contained sodium laureth sulfate 56, cocamidopropyl betaine 6.7, Carbomer 0.4, Dimethiconol and TEA doddecylbenzenesulfonate 4, propylene glycol 0.5, L-lysine-HCl 2, and additives qs and water qs to 100%. The formulation better wet combing than that containing sodium glutamate.

IC ICM A61K007-06

CC 62-3 (Essential Oils and Cosmetics)

ST hair conditioning surfactant amino acid

IT Hair preparations

(conditioners; hair conditioning compns. containing surfactants and amino acids)

IT Shampoos

(conditioning; hair conditioning compns. containing surfactants and amino acids)

IT Amino acids, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(dibasic; hair conditioning compns. containing surfactants and amino acids)

IT Surfactants

(hair conditioning compns. containing surfactants and amino acids)

IT Polysiloxanes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(hair conditioning compns. containing surfactants and amino acids)

IT 56-87-1, Lysine, biological studies 70-26-8, Ornithine 74-79-3,

Arginine, biological studies 305-62-4, α,γ -Diaminobutyric acid 1188-07-4 1190-94-9, 5-Hydroxylysine 10098-89-2, Lysine hydrochloride 31692-79-2, Dimethiconol

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(hair conditioning compns. containing surfactants and amino acids)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:592517 HCAPLUS

DOCUMENT NUMBER: 133:198387

TITLE: Hair conditioning compositions containing mono and dialkyl quats with silicones

INVENTOR(S): Pyles, Daniel Raymond

PATENT ASSIGNEE(S): Unilever Plc, UK; Unilever NV; Hindustan Lever Limited

SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.

KIND DATE

APPLICATION NO.

DATE

WO 2000048556	A1	20000824	WO 2000-EP907	20000204
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, -KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002015686	A1	20020207	US 1999-252564	19990218
CA 2362267	AA	20000824	CA 2000-2362267	20000204
EP 1150647	A1	20011107	EP 2000-902656	20000204
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
BR 2000008343	A	20020129	BR 2000-8343	20000204
TR 200102365	T2	20020321	TR 2001-200102365	20000204
JP 2002537237	T2	20021105	JP 2000-599350	20000204
AU 764709	B2	20030828	AU 2000-24413	20000204
ZA 2001006686	A	20020814	ZA 2001-6686	20010814
US 2003039623	A1	20030227	US 2002-243248	20020913
PRIORITY APPLN. INFO.:			US 1999-252564	A 19990218
			WO 2000-EP907	W 20000204

OTHER SOURCE(S) : MARPAT 133:198387

AB The present invention relates an opaque or clear conditioner which comprises a monoalkyl quat from C14 to higher carbon chain lengths (preferably C16 to C22) and a dialkyl quat from C14 to higher carbon chain lengths (preferably C16 to C18). Also included is a silicone compound and an emulsifier. Also optionally included is an amount of fatty alc. necessary to opacify the conditioner. The monoalkyl quat is necessary in a ratio to the dialkyl quat of about 15:1 to about 2:1. The fatty alc. is optionally present in an amount from about 1 % to about 4 %. A hair conditioner contained cetrimonium chloride 2.8, distearyldimonium chloride 0.15, cetyl alc. 3, DC 2-1787, and excipients q.s. 100%.

IC ICM A61K007-06

CC 62-3 (Essential Oils and Cosmetics)

ST quaternary ammonium compd silicone hair conditioner

IT Quaternary ammonium compounds, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

((hydrogenated tallow alkyl)trimethyl, chlorides; hair conditioning compns. containing mono and dialkyl quats with silicones)

IT Polysiloxanes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

([(aminoethyl)amino]propyl hydroxy, di-Me, Amodimethicone; hair conditioning compns. containing mono and dialkyl quats with silicones)

IT Quaternary ammonium compounds, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(alkyl; hair conditioning compns. containing mono and dialkyl quats with silicones)

IT Hair preparations

(conditioners; hair conditioning compns. containing mono and dialkyl quats with silicones)

IT Cyclosiloxanes

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(di-Me; hair conditioning compns. containing mono and dialkyl
quats with silicones)

IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(fatty; hair conditioning compns. containing mono and dialkyl
quats with silicones)

IT Emulsifying agents
Opacifiers
(hair conditioning compns. containing mono and dialkyl quats with
silicones)

IT Polysiloxanes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(hair conditioning compns. containing mono and dialkyl quats with
silicones)

IT Quaternary ammonium compounds, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(trimethylsoya alkyl, chlorides; hair conditioning compns.
containing mono and dialkyl quats with silicones)

IT Quaternary ammonium compounds, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(trimethyltallow alkylammonium chlorides; hair conditioning
compns. containing mono and dialkyl quats with silicones)

IT 57-09-0, Cetrimonium bromide 107-64-2, Distearyldimethylammonium
chloride 112-02-7 112-03-8, Stearyltrimethylammonium chloride
138-32-9, Cetrimonium tosylate 1812-53-9, Dicetyltrimethylammonium
chloride 9006-65-9, Dimethicone 15809-05-9, Eicosyltrimethylammonium
chloride 17301-53-0 20182-63-2, Stearamidopropyl dimethylamine
28880-55-9, PEG-2 Oleammonium chloride 31692-79-2, Dimethiconol
36653-82-4, Cetyl alcohol 68797-65-9, Behenamidopropyl ethyldimonium
ethosulfate 81646-13-1 288839-50-9, Stearyl octyldimonium methosulfate
289471-15-4, Dow Corning 949
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(hair conditioning compns. containing mono and dialkyl quats with
silicones)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:144699 HCAPLUS
DOCUMENT NUMBER: 132:198847
TITLE: Hair conditioning compositions containing
silicones and quaternary ammonium compounds
INVENTOR(S): Pyles, Daniel Raymond
PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever NV; Hindustan Lever Limited
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
WO 2000010524	A1	20000302	WO 1999-EP6096	19990818

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6136304 A 20001024 US 1998-138229 19980821

US 6207141 B1 20010327 US 1999-357454 19990720

CA 2340646 AA 20000302 CA 1999-2340646 19990818

AU 9959699 A1 20000314 AU 1999-59699 19990818

BR 9913155 A 20010515 BR 1999-13155 19990818

EP 1105093 A1 20010613 EP 1999-967820 19990818

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

JP 2002523349 T2 20020730 JP 2000-565846 19990818

PRIORITY APPLN. INFO.: US 1998-138229 A 19980821
US 1999-357454 A 19990720
WO 1999-EP6096 W 19990818

AB A method of imparting improved conditioning properties to **hair** comprising treating the **hair** with a conditioning composition comprising a silicone compound having at least one quaternary ammonium moiety and ethoxylated monoalkyl quat. For example, a **hair** conditioning formulation containing 2.5% PEG-2 olealmonium chloride and 2% Quaternium-80 was superior to the formulation containing 2% Quaternium-80 only.

IC ICM A61K007-50

ICS A61K007-06

CC 62-3 (Essential Oils and Cosmetics)

ST polysilicone quaternary ammonium compd **hair** conditioner

IT Alcohols, biological studies.

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(C16-18, ethoxylated; **hair** conditioning compns. containing silicones and quaternary ammonium compds.)

IT Quaternary ammonium compounds, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(bis(hydroxyethyl)methyltallow alkyl, ethoxylated, chlorides; **hair** conditioning compns. containing silicones and quaternary ammonium compds.)

IT Quaternary ammonium compounds, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides; **hair** conditioning compns. containing silicones and quaternary ammonium compds.)

IT **Hair** preparations

(conditioners; **hair** conditioning compns. containing silicones and quaternary ammonium compds.)

IT Polysiloxanes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts), Abil-Quat 3270; **hair** conditioning compns. containing silicones and quaternary ammonium compds.)

IT Polysiloxanes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts); hair conditioning compns. containing silicones and quaternary ammonium compds.)

IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (ethoxylated monoalkyl; hair conditioning compns. containing silicones and quaternary ammonium compds.)

IT Stabilizing agents
 (foam; hair conditioning compns. containing silicones and quaternary ammonium compds.)

IT Buffers
 Dyes
 Humectants
 Odor and Odorous substances
 Perfumes
 Preservatives
 Softening agents
 Thickening agents
 (hair conditioning compns. containing silicones and quaternary ammonium compds.)

IT Acids, biological studies
 Bases, biological studies
 Salts, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (hair conditioning compns. containing silicones and quaternary ammonium compds.)

IT Polysiloxanes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (quaternary ammonium group-containing; hair conditioning compns. containing silicones and quaternary ammonium compds.)

IT Amides, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (tallow, hydrogenated, phthalic acid; hair conditioning compns. containing silicones and quaternary ammonium compds.)

IT 9011-16-9, Maleic anhydride-methyl vinyl ether copolymer
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (crosslinked; hair conditioning compns. containing silicones and quaternary ammonium compds.)

IT 57-55-6, Propylene glycol, biological studies 64-17-5, Ethanol, biological studies 67-63-0, Isopropanol, biological studies 77-92-9, Citric acid, biological studies 110-80-5, Ethylene glycol monoethyl ether 111-76-2, 2-Butoxyethanol 111-77-3, Diethylene glycol monomethyl ether 111-90-0, Diethylene glycol monoethyl ether 112-02-7, Cetrimonium chloride 112-92-5, Stearyl alcohol 1310-73-2, Sodium hydroxide, biological studies 1320-67-8, Propylene glycol monomethyl ether 3844-45-9, FD&C Blue Number 1 4065-45-6, Benzophenone 4 6440-58-0, DMDM hydantoin 7447-40-7, Potassium chloride, biological studies 9000-01-5, Gum arabic 9000-30-0, Guar gum 9004-58-4, Hydroxyethyl ethyl cellulose 9004-62-0, Hydroxyethyl cellulose 9004-64-2, Hydroxypropyl cellulose 9004-65-3, Hydroxypropyl methyl cellulose 9004-67-5, Methyl cellulose 9016-45-9, Polyethylene glycol

nonyl phenyl ether 9041-56-9, Hydroxybutyl methyl cellulose
 11138-66-2, Xanthan gum 20182-63-2, Stearamidopropyl dimethylamine
 28724-32-5, PEG-15 stearmonium chloride 28880-55-9 36653-82-4, Cetyl
 alcohol 52125-53-8, Propylene glycol monoethyl ether 55965-84-9,
 Kathon CG 72300-24-4, Isostearamidopropyl morpholine lactate
 81859-24-7, Polyquaternium 10 259856-51-4, Crodarom Complex HC
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(hair conditioning compns. containing silicones and quaternary ammonium compds.)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:144692 HCAPLUS
 DOCUMENT NUMBER: 132:185242
 TITLE: Hair lightening and highlighting compositions containing peroxy compounds
 INVENTOR(S): Newell, Gerald Patrick; Pyles, Daniel Raymond
 PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever NV; Hindustan Lever Limited
 SOURCE: PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000010515	A1	20000302	WO 1999-EP6097	19990818
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6274126	B1	20010814	US 1998-138189	19980821
CA 2340699	AA	20000302	CA 1999-2340699	19990818
AU 9959700	A1	20000314	AU 1999-59700	19990818
BR 9913156	A	20010515	BR 1999-13156	19990818
EP 1105086	A1	20010613	EP 1999-967819	19990818
EP 1105086	B1	20040616		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002523343	T2	20020730	JP 2000-565838	19990818
AT 269049	E	20040715	AT 1999-967819	19990818
TW 557215	B	20031011	TW 1999-88117010	19991002
ZA 2001001262	A	20020326	ZA 2001-1262	20010214
US 2002076388	A1	20020620	US 2001-23005	20011217
US 6572844	B2	20030603		

PRIORITY APPLN. INFO.: US 1998-138189 A 19980821
 WO 1999-EP6097 W 19990818
 US 2000-558235 A3 20000424

OTHER SOURCE(S): MARPAT 132:185242

AB There is described a conditioning composition for conditioning, lightening and highlighting hair which comprises: (i) a peroxy compound; and (ii)

a conditioning agent, said composition having a pH of ≤5. There is also described a method for conditioning lightening and highlighting hair which comprises treating the hair with a composition of the invention. Thus, a composition contained hydroxyethyl cellulose 1.30, PEG olealmonium chloride (69%) and propylene glycol (31%) 2.50, propylene glycol 1.50, cetrimonium chloride (30%) 2.00, liquid citric acid 50% 1.00, Quaternium-80 50% 2.00, FD&C Blue Number 1 (1%) 0.05, disodium EDTA 0.10, Kathon CG 0.05, DMDM hydantoin 0.10, fragrance 0.40, Polysorbate-20 0.40, and H2O2 35% 4.00% and water qs.

IC ICM A61K007-06
 ICS A61K007-50; A61K007-135
 CC 62-3 (Essential Oils and Cosmetics)
 ST peroxy compd hair lightening; quaternary ammonium peroxy hair
 IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 ((hydrogenated tallow alkyl)trimethyl, chlorides; hair lightening and highlighting compns. containing peroxy compds.)
 IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (bis(hydrogenated tallow alkyl)dimethyl, Me sulfates; hair lightening and highlighting compns. containing peroxy compds.)
 IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (bis(hydrogenated tallow alkyl)dimethyl, chlorides; hair lightening and highlighting compns. containing peroxy compds.)
 IT Hair preparations
 (conditioners; hair lightening and highlighting compns. containing peroxy compds.)
 IT Polysiloxanes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts); hair lightening and highlighting compns. containing peroxy compds.)
 IT Polysiloxanes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (di-Me, quaternary ammonium group-contg; hair lightening and highlighting compns. containing peroxy compds.)
 IT Cyclosiloxanes
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (di-Me; hair lightening and highlighting compns. containing peroxy compds.)
 IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (dimethylditallow alkyl, chlorides; hair lightening and highlighting compns. containing peroxy compds.)
 IT Hair preparations
 (dyes; hair lightening and highlighting compns. containing peroxy compds.)
 IT Cosmetics
 (emollients; hair lightening and highlighting compns. containing peroxy compds.)

IT Hair preparations
 Humectants
 Odor and Odorous substances
 Perfumes
 Preservatives
 Shampoos
 Thickening agents
 (hair lightening and highlighting compns. containing peroxy compds.)

IT Amine oxides
 Polysiloxanes, biological studies
 Salts, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (hair lightening and highlighting compns. containing peroxy compds.)

IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (trimethyltallow alkyl, Me sulfates, hydrogenated; hair lightening and highlighting compns. containing peroxy compds.)

IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (trimethyltallow alkylammonium chlorides; hair lightening and highlighting compns. containing peroxy compds.)

IT 9011-16-9, Maleic anhydride-methyl vinyl ether copolymer
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (crosslinked; hair lightening and highlighting compns. containing peroxy compds.)

IT 57-09-0, Cetrimonium bromide 57-55-6, Propylene glycol, biological studies 104-74-5, Laurylpyridinium chloride 107-46-0, Hexamethyldisiloxane 107-64-2, Distearyltrimethylammonium chloride 112-00-5, Lauryltrimethylammonium chloride 112-02-7, Palmityltrimethylammonium chloride 112-03-8, Stearyltrimethylammonium chloride 122-18-9, Cetyltrimethylbenzylammonium chloride 123-03-5, Cetylpyridinium chloride 138-32-9, Cetrimonium tosylate 139-07-1, Lauryldimethylbenzylammonium chloride 1812-53-9, Dicetyltrimethylammonium chloride 3401-74-9, Dilauryldimethylammonium chloride 7722-84-1, Hydrogen peroxide, biological studies 9000-01-5, Gum arabic 9000-30-0, Guar gum 9004-58-4, Hydroxyethyl ethylcellulose 9004-62-0, Hydroxyethylcellulose 9004-64-2, Hydroxypropylcellulose 9004-65-3, HPMC 9004-67-5, Methyl cellulose 9006-65-9, Dimethicone 9041-56-9, Hydroxybutyl methyl cellulose 11138-66-2, Xanthan gum 15809-05-9, Eicosyltrimethylammonium chloride 17301-53-0, Behenyltrimethylammonium chloride 28880-55-9 35239-12-4, Tris(2-hydroxyethyl)stearylammmonium chloride 37139-99-4, Oleyldimethylbenzylammonium chloride 81646-13-1, Behenyltrimethylammonium methosulfate
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (hair lightening and highlighting compns. containing peroxy compds.)

IT 7664-38-2, Phosphoric acid, uses 7664-93-9, Sulfuric acid, uses
 RL: NUU (Other use, unclassified); USES (Uses)
 (hair lightening and highlighting compns. containing peroxy compds.)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:116870 HCAPLUS
 DOCUMENT NUMBER: 132:156522
 TITLE: Opaque hair conditioning composition containing monoalkyl and dialkyl quats
 INVENTOR(S): Pyles, Daniel Raymond
 PATENT ASSIGNEE(S): Unilever Plc, UK; Unilever Nv; Hindustan Lever Limited
 SOURCE: PCT Int. Appl., 15 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000007563	A1	20000217	WO 1999-EP5482	19990729
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6149899	A	20001121	US 1998-130955	19980807
CA 2339377	AA	20000217	CA 1999-2339377	19990729
AU 9954161	A1	20000228	AU 1999-54161	19990729
AU 739036	B2	20011004		
BR 9912768	A	20010508	BR 1999-12768	19990729
EP 1104285	A1	20010606	EP 1999-940088	19990729
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002522371	T2	20020723	JP 2000-563249	19990729
PRIORITY APPLN. INFO.:			US 1998-130955	A 19980807
			WO 1999-EP5482	W 19990729

AB The present invention relates an opaque conditioner which comprises a monoalkyl quat from C16 to higher C chain lengths (preferably C16 to C22) and a dialkyl quat from C20 to C22. Also included is an amount of fatty alc. necessary to opacify the conditioner. The monoalkyl quat is necessary in a ratio to the dialkyl quat of about not less than 4:1. An example composition contained cetrimonium chloride 30% active 2.8, didocosyldimethylammonium chloride 0.21, and cetyl alc. 3.0%. The fatty alc. is present in an amount from about 1 % to about 4 %.

IC ICM A61K007-50

CC 62-3 (Essential Oils and Cosmetics)

ST quaternary ammonium hair conditioner

IT Quaternary ammonium compounds, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(alkyltrimethyl, chlorides; opaque hair conditioning composition containing monoalkyl and dialkyl quats)

IT Hair preparations

(conditioners; opaque hair conditioning composition containing monoalkyl and dialkyl quats)

IT Quaternary ammonium compounds, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(dialkyldimethyl chlorides; opaque hair conditioning composition containing monoalkyl and dialkyl quats)

IT Alcohols, biological studies

RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)

(fatty; opaque hair conditioning composition containing monoalkyl and dialkyl quats)

IT Shampoos

(opaque hair conditioning composition containing monoalkyl and dialkyl quats)

IT 112-02-7, Cetrimonium chloride 1471-93-8, Dieicosyldimethylammonium chloride 17301-53-0, Behentrimonium chloride 26597-36-4,

Didocosyldimethylammonium chloride 36653-82-4, Cetyl alcohol

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(opaque hair conditioning composition containing monoalkyl and dialkyl quats)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 10 HCPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:116869 HCPLUS

DOCUMENT NUMBER: 132:156521

TITLE: Opaque hair conditioning composition containing mono- and dialkyl quats

INVENTOR(S): Pyles, Daniel Raymond

PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever NV; Hindustan Lever Limited

SOURCE: PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 20000007562	A1	20000217	WO 1999-EP5481	19990729
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2339596	AA	20000217	CA 1999-2339596	19990729
AU 9953725	A1	20000228	AU 1999-53725	19990729
BR 9912767	A	20010508	BR 1999-12767	19990729
EP 1100458	A1	20010523	EP 1999-939420	19990729
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002522370	T2	20020723	JP 2000-563248	19990729
US 2001014317	A1	20010816	US 2001-809621	20010315
US 2003118543	A1	20030626	US 2002-243223	20020913
PRIORITY APPLN. INFO.:			US 1998-130956	A 19980807
			WO 1999-EP5481	W 19990729
			US 2001-809621	A1 20010315

AB The present invention relates to an opaque conditioner which comprises a monoalkyl quat from C16 to higher C chain lengths (preferably C16 to C22) and a dialkyl quat from C16 to higher C chain lengths (preferably C16 to C18). Also included is an amount of fatty alc. necessary to opacify the conditioner. The monoalkyl quat is necessary in a ratio to the dialkyl quat of about not less than 2:1. An example monoalkyl quat is cetyltrimonium chloride and the dialkyl quat is distearyldimonium chloride. The fatty alc. is present in an amount from about 1 % to about 4 %.

IC ICM A61K007-50

CC 62-3 (Essential Oils and Cosmetics)

ST quaternary ammonium **hair** conditioner

IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (alkyltrimethyl, chlorides; opaque **hair** conditioning composition containing mono- and dialkyl quats)

IT Hair preparations
 (conditioners; opaque **hair** conditioning composition containing mono- and dialkyl quats)

IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (dialkyldimethyl, chlorides; opaque **hair** conditioning composition containing mono- and dialkyl quats)

IT Alcohols, biological studies
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (fatty; opaque **hair** conditioning composition containing mono- and dialkyl quats)

IT Shampoos
 (opaque **hair** conditioning composition containing mono- and dialkyl quats)

IT 107-64-2, Distearyldimonium chloride 112-02-7, Cetyltrimonium chloride
 1812-53-9, Dicetyltrimonium chloride 17301-53-0, Behentrimonium chloride
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (opaque **hair** conditioning composition containing mono- and dialkyl quats)

IT 36653-82-4, Cetyl alcohol
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (opaque **hair** conditioning composition containing mono- and dialkyl quats)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1997:15486 HCAPLUS
 DOCUMENT NUMBER: 126:79762
 TITLE: Stable conditioning shampoo containing an anionic surfactant, a fatty alcohol, and polyethyleneimine
 INVENTOR(S): Pyles, Daniel R.
 PATENT ASSIGNEE(S): Helene Curtis, Inc., USA
 SOURCE: U.S., 13 pp., Cont.-in-part of U.S. Ser. No. 305,069, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5576279	A	19961119	US 1995-538249	19951003
US 5710114	A	19980120	US 1996-654864	19960529
PRIORITY APPLN. INFO.:				
			US 1993-63015	B2 19930517
			US 1994-305069	B2 19940913
			US 1995-538249	A1 19951003
AB	A conditioning shampoo containing an anionic surfactant, a long-chain fatty alc., and a cationic polyethyleneimine, has extended product stability, excellent cleansing and foaming properties, and provides excellent and improved overall conditioning to human hair, particularly superior wet and dry combing properties. A conditioning shampoo contained water 58.00, polymin P 1.50, 30% sodium lauryl sulfate solution 17.50, octanol 2.00, 30% ammonium lauryl sulfate solution 17.50, and 50% citric acid solution 3.5%.			
IC	ICM C11D001-02 ICS C11D003-37			
NCL	510122000			
CC	62-3 (Essential Oils and Cosmetics)			
ST	shampoo conditioner anionic surfactant fatty alc; polyethyleneimine shampoo conditioner surfactant fatty alc			
IT	Sulfonates RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (alkanesulfonates; stable conditioning shampoo containing anionic surfactant, fatty alc., and polyethyleneimine)			
IT	Surfactants RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (anionic; stable conditioning shampoo containing anionic surfactant, fatty alc., and polyethyleneimine)			
IT	Shampoos (conditioning; stable conditioning shampoo containing anionic surfactant, fatty alc., and polyethyleneimine)			
IT	Alcohols, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (fatty, C8-18; stable conditioning shampoo containing anionic surfactant, fatty alc., and polyethyleneimine)			
IT	107-64-2, Distearyldimonium chloride 111-87-5, Octanol, biological studies 112-30-1, 1-Decanol 112-53-8, 1-Dodecanol 112-72-1, Myristyl alcohol 112-92-5, 1-Octadecanol 151-21-3, Sodium lauryl sulfate, biological studies 2235-54-3, Ammonium lauryl sulfate 7664-93-9D, Sulfuric acid, alkyl derivs., biological studies 9002-98-6 9005-64-5, Polysorbate 20 26913-06-4, Poly[imino(1,2-ethanediyl)] 36653-82-4, 1-Hexadecanol 53038-58-7, Ethylenimine-1,2-dichloroethane copolymer 74913-72-7, Polymine P 94247-10-6, Isodecyl laurate RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (stable conditioning shampoo containing anionic surfactant, fatty alc., and polyethyleneimine)			

L2 ANSWER 10 OF 10 HCPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:309108 HCPLUS

DOCUMENT NUMBER: 122:63997

TITLE: Stable conditioning shampoo containing an anionic surfactant, a fatty alcohol, a silicone conditioner

and polyethyleneimine
 INVENTOR(S) : **Pyles, Daniel Raymond**
 PATENT ASSIGNEE(S) : Helene Curtis, Inc., USA
 SOURCE: Eur. Pat. Appl., 31 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 627216	A2	19941207	EP 1994-107636	19940517
EP 627216	A3	19970305		
EP 627216	B1	20030806		
R: DE, DK, ES, FR, GB, IT, SE				
CA 2123532	AA	19941118	CA 1994-2123532	19940513
NO 9401841	A	19941118	NO 1994-1841	19940516
AU 9463105	A1	19941124	AU 1994-63105	19940516
AU 678450	B2	19970529		
JP 07048236	A2	19950221	JP 1994-137779	19940517
ES 2204905	T3	20040501	ES 1994-107636	19940517

PRIORITY APPLN. INFO.: US 1993-63015 A 19930517

AB A conditioning shampoo containing an anionic surfactant, a long-chain fatty alc., a cationic polyethyleneimine, and optionally a non-volatile silicone material has extended product stability, excellent cleansing and foaming properties, and provides excellent and improved overall conditioning to human hair, particularly superior wet and dry combing properties. A shampoo conditioner contained 50% polyethyleneimine 1.00, Dynol-120 33.40, cocamide MEA 1.00, Liquid 50% citric acid, 1.35, Kathon CG 0.05, DMDM hydantoin/glidant 0.10, and water 63.10%.

IC ICM A61K007-50
 ICS A61K007-08

CC 62-3 (Essential Oils and Cosmetics)

ST shampoo conditioner anionic surfactant fatty alc; silicone polyethyleneimine shampoo conditioner surfactant alc

IT Siloxanes and Silicones, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (stable conditioning shampoo containing anionic surfactant, fatty alc., silicone and polyethyleneimine)

IT Alcohols, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (C16-18, stable conditioning shampoo containing anionic surfactant, fatty alc., silicone and polyethyleneimine)

IT Sulfonates
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (alkane, stable conditioning shampoo containing anionic surfactant, fatty alc., silicone and polyethyleneimine)

IT Surfactants
 (anionic, stable conditioning shampoo containing anionic surfactant, fatty alc., silicone and polyethyleneimine)

IT Shampoos
 (conditioning, stable conditioning shampoo containing anionic surfactant, fatty alc., silicone and polyethyleneimine)

IT Alcohols, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(fatty, stable conditioning shampoo containing anionic surfactant, fatty alc., silicone and polyethyleneimine)

IT 9002-98-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(cationic; stable conditioning shampoo containing anionic surfactant, fatty alc., silicone and polyethyleneimine)

IT 112-53-8, Lauryl alcohol 112-72-1, Myristyl alcohol 2235-54-3,
Ammonium lauryl sulfate 7664-93-9D, Sulfuric acid, alkyl and alkyl ether
derivs. 32612-48-9, Ammonium laureth sulfate 36653-82-4, Cetyl alcohol
94247-10-6, Isodecyl laurate

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(stable conditioning shampoo containing anionic surfactant, fatty alc.,
silicone and polyethyleneimine)